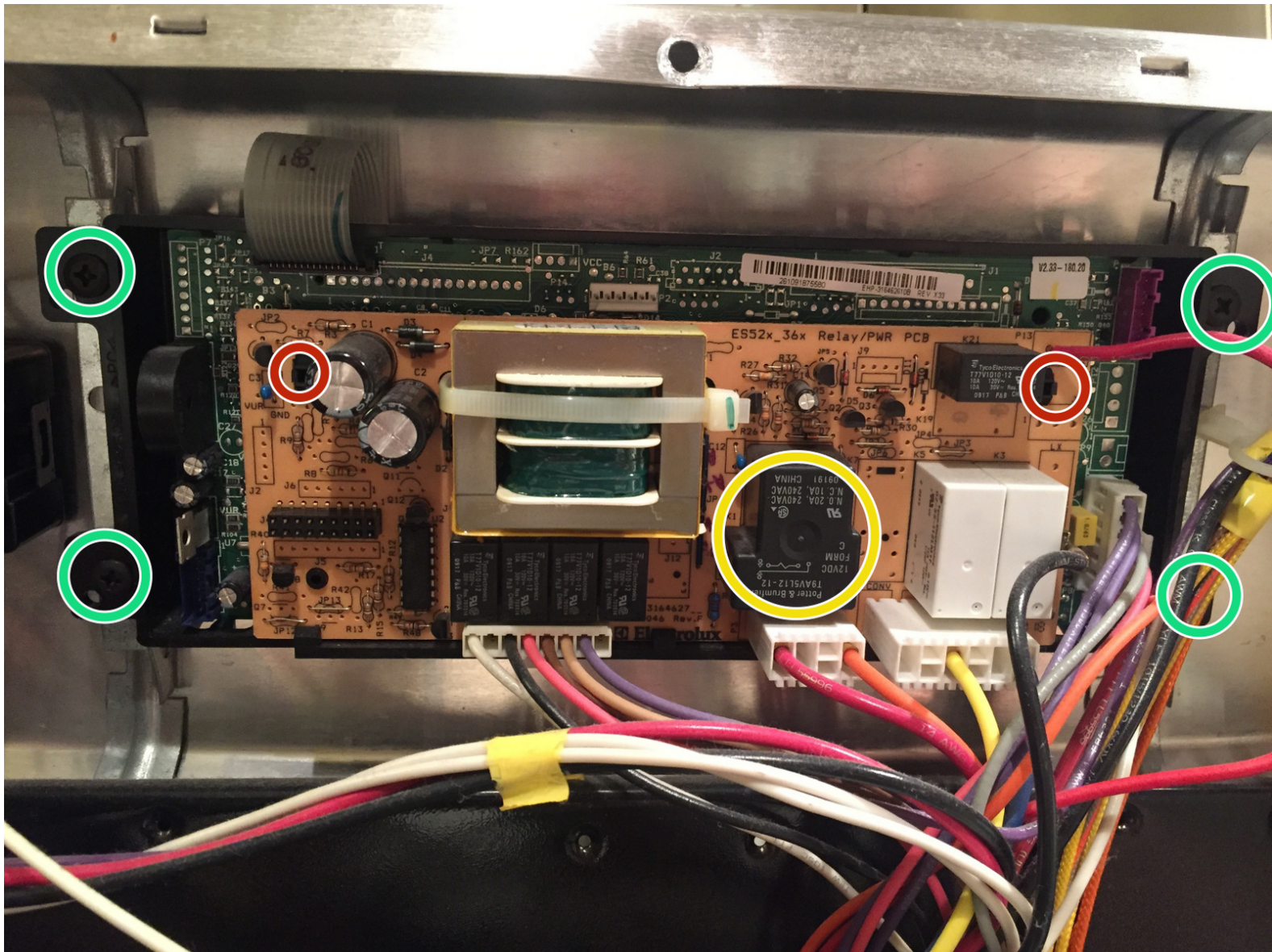




Repairing Kenmore Oven by replacing a relay (T9AV5L12-12)

My oven was not heating up, only the convection element worked (it's on 120VAC). No 240VAC was present at either the bake or broil element. All elements tested good at 14-25 ohms.

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INTRODUCTION

This simple guide will point you to the faulty relay, a 5\$ part, that will fix your oven.

Be careful and always unplug the oven from the wall outlet when working on it.

I didn't plan on making this guide prior to fixing the oven so don't hesitate to ask questions if needed.

This may apply to other ovens as well.



TOOLS:

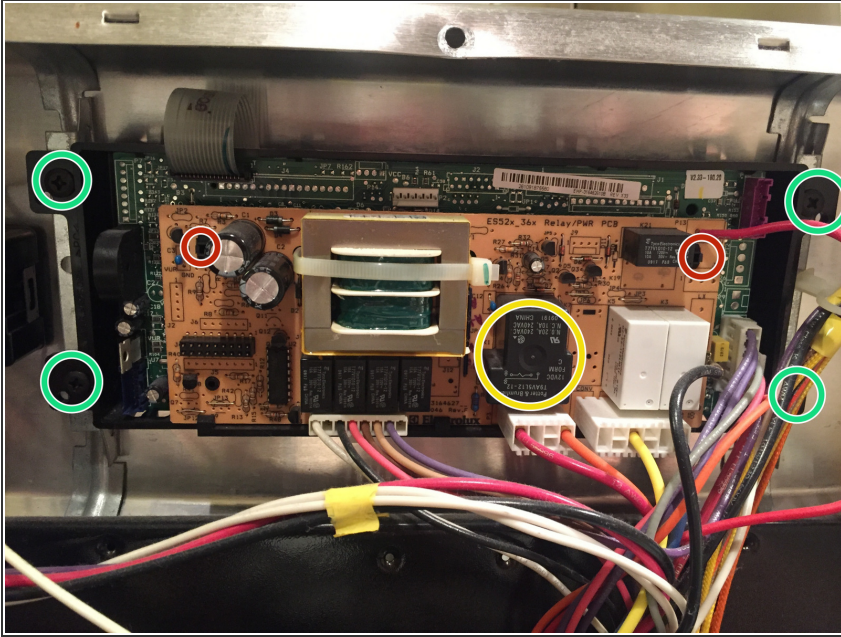
- [Soldering Workstation](#) (1)



PARTS:

- [Relay T9AV5L12-12](#) (1)

Step 1 — Main step



- This won't show you how to diagnose or open the back of your oven, you need enough skill to get here.
- The relay you need to replace is the big black one, circled in yellow, the T9AV5L12-12.
- Disconnect all the cables from this assembly, they are all locking connectors so take your time.
- You can remove the whole clock assembly by unscrewing the 4 screws marked in green.
- Then remove the PWR board by removing the clips circled in red. Be careful, you have to pull out "locking" clips with pliers before you can press in the other locking clips. Once you see them you'll figure it out quickly.
- Now desolder your old relay and solder the new one in. For my problem there was even a melted solder joint on one contact on the relay.
- Reassemble and test your oven.

To reassemble your device, follow these instructions in reverse order.

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